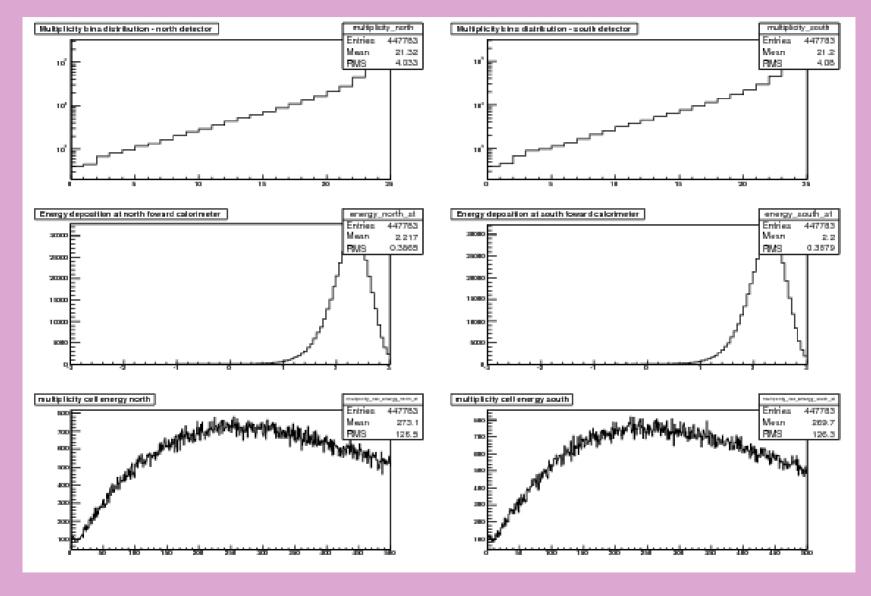
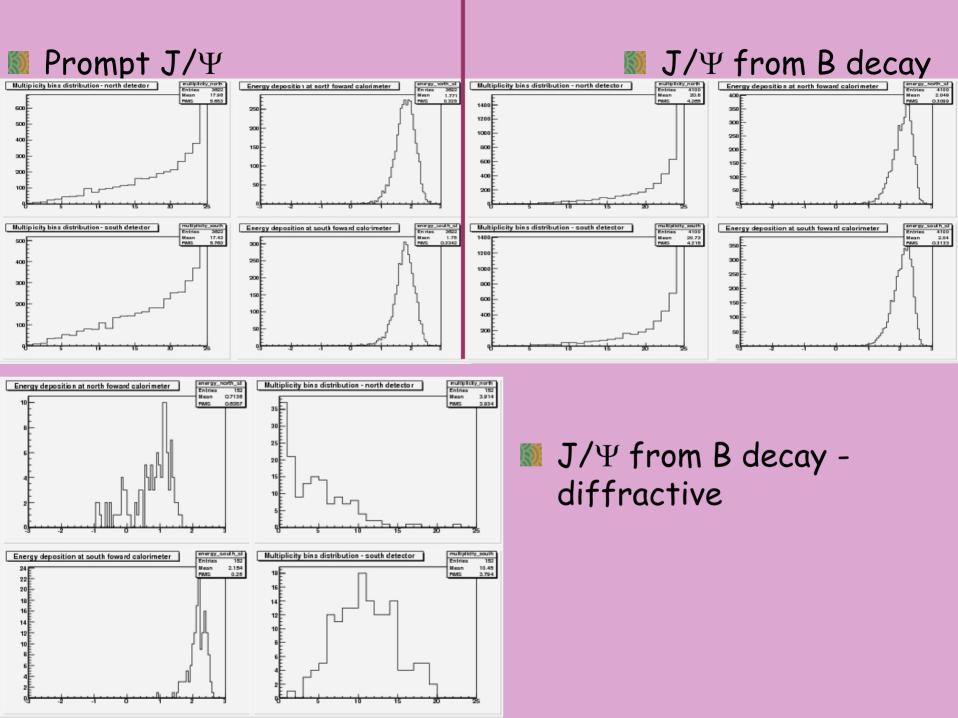
Diffractive J/Y Production Update

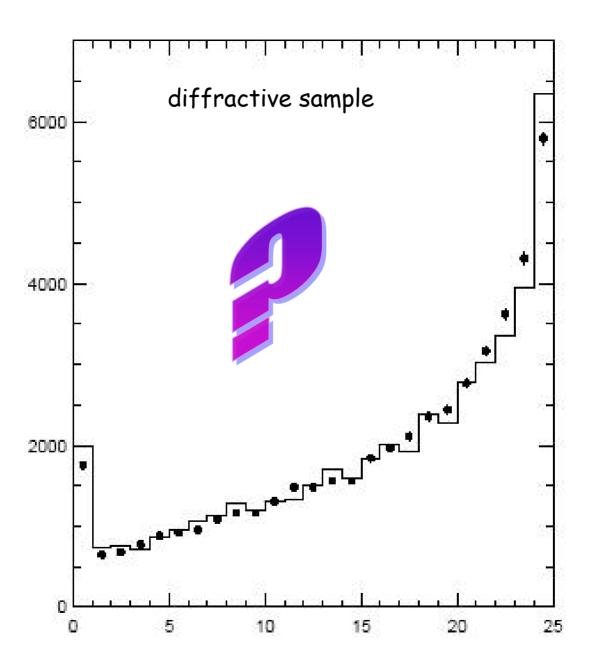
- Luminosity and Calorimeter information study
- Data Plots
- Monte Carlo Plots
- Next Steps



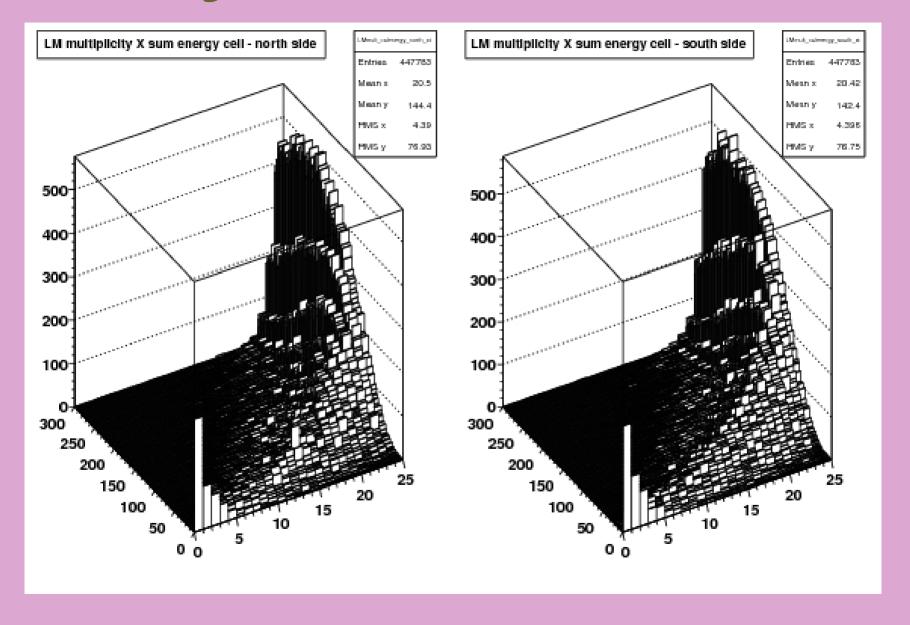
1-D Histograms (Data)

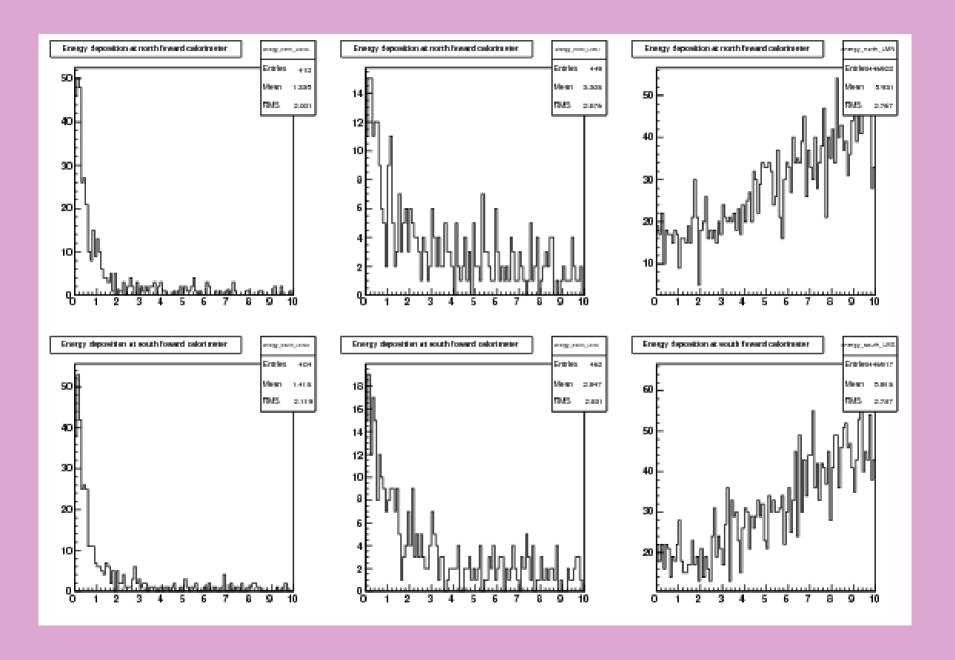




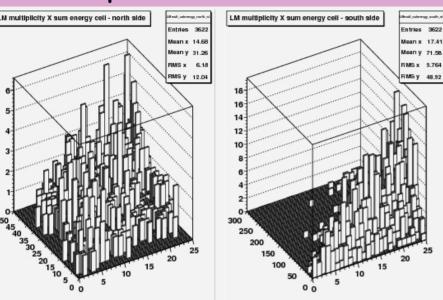


2-D Histograms (Data)

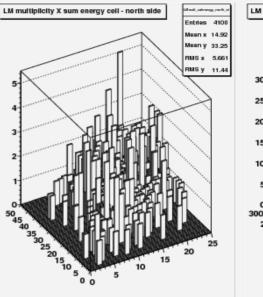


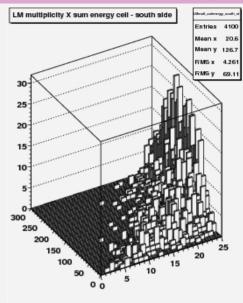


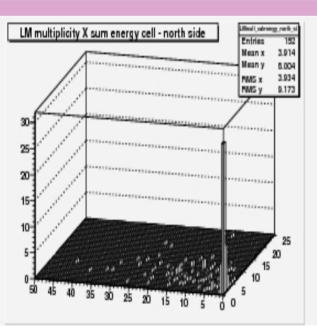
Prompt J/Y

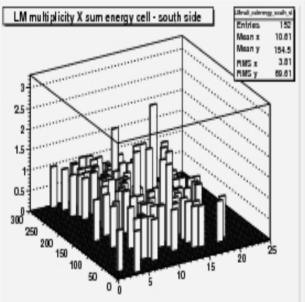


■ J/Y from B decay



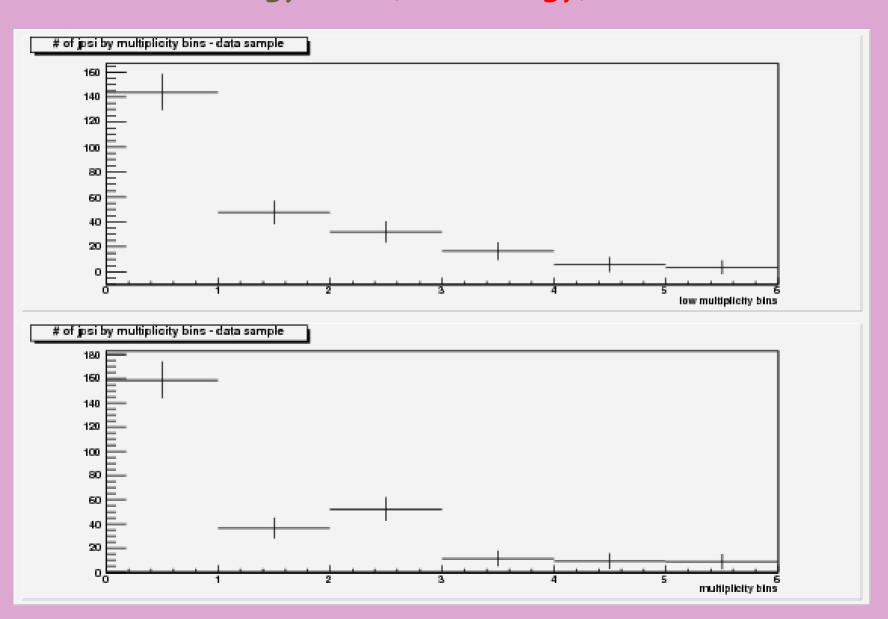






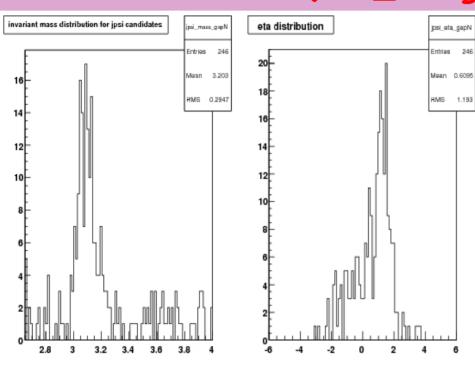
J/Ψ from B decay - diffractive

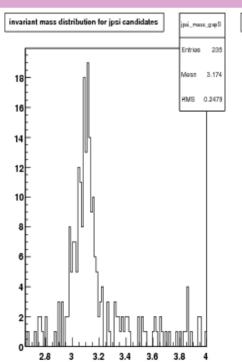
Looking at the low LM multiplicity in the first calorimeter energy bin: (sum_energy)<1GeV

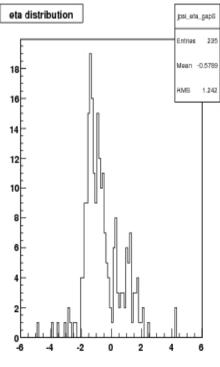


M Gap Definition

LM==0 (while the other side has hits) && (sum_energy)<1GeV







Next Steps

MEta bins study;

Luminosity bins study;

Use significance of Lengh Decay to separate prompt from B decay production